

WHAT IS CLAIMED IS:

1. A hinge for connecting a first member and a second member which are opened and closed with respect to each other in a manner to be friction-rotatable, said hinge comprising:
 - a holder attached to either one of said first member or said second member;
 - a shaft attached to either the other one of the first member or the second member while also attached to the holder so as to be rotatable with respect thereto and to be non-movable in the axial direction;
 - a plurality of first friction disks inserting said shaft rotatably and movably in the axial direction through an insertion hole of each disk and held by said holder;
 - a plurality of second friction disks inserting the shaft through an insertion hole of each disk, being interposed between the first friction disks, restrained its rotation by the shaft and movably in the axial direction; and
 - an elastic means attached to the shaft to cause the first friction disks and the second friction disks to press-contact each other in the axial direction.
2. A tilt hinge according to the claim 1, wherein either one of the first friction disk or the second friction disk is formed of a hard material, while either the other one to be formed of a soft material.
3. A tilt hinge according to any of the claims 1 to 2, wherein the first friction disks have locking portions on an outer periphery thereof so that they are locked in the holder, while the second friction disks have locking portions to be locked to the shaft in the insertion hole thereof through which the shaft is inserted.
4. A tilt hinge according to any of the claims 1 to 3, wherein said elastic means is composed of a nut attached on an end portion of the shaft, and disk springs and/or spring washers interposed between the nut and either one of

the first friction disk or the second friction disk, while the shaft being inserted through the insertion hole of said spring washer.

5 5. A tilt hinge according to any of the claims 1 to 3, wherein the elastic means is composed of a nut attached on an end portion of said shaft, and a compression spring elastically provided between the nut and either one of the first friction disk or the second friction disk.

10 6. A tilt hinge according to any of the claim 4 and claim 5, wherein instead of said nut, a caulking portion formed by caulking an end portion of said shaft can be used as a nut.

15 7. A tilt hinge according to any of the claims 1 to 6, wherein said holder includes a case portion containing all or at least a part of said first friction disks and said second friction disks.

20 8. A tilt hinge according to any of the claims 1 to 7, wherein, in the first friction disk and/or the second friction disk, an oil reserving portion is provided for lubricating a press-contact portion between them.

9. 9. A tilt hinge according to any of the clams 1 to 8, wherein, on an outside of a locking groove of said holder in which said locking portion of the first friction disk is locked, a depressed portion is given to prevent a trembling of the first friction disk with respect to the locking groove.